Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	(("6236527") or ("6108157") or ("4755892") or ("6212027") or ("5825575")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/30 16:18
S2	764	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:15
S3	626130	(control$4 or chang$3 or modify$3) near3 (current or speed or velocity)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:22
S4	9848	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((control$4 or chang$3 or modify$3) near3 (current or speed or velocity))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:22
S5	281	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((control$4 or chang$3 or modify$3) near3 (current or speed or velocity))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:22
S6	1223	360/73.01.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:28
S7	19	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((control$4 or chang$3 or modify$3) near3 (current or speed or velocity))) and 360/73.01.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:28
S8	36985	((head or transducer) WITH (speed or velocity or current) with (control$3 or chang$4 or modify$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:35
S9	874	360/75.ccls. and (((head or transducer) WITH (speed or velocity or current) with (control$3 or chang$4 or modify$3)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:32
S10	8609	(head or transducer) WITH ((speed or velocity or current) near (control$3 or chang$4 or modify$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:32
S11	301	360/75.ccls. and ((head or transducer) WITH ((speed or velocity or current) near (control$3 or chang$4 or modify$3)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:32

S12	1332	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((head or transducer) WITH ((speed or velocity or current) near (control$3 or chang$4 or modify$3)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:33
S13	95	360/75.ccls. and (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((head or transducer) WITH ((speed or velocity or current) near (control$3 or chang$4 or modify$3))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:33
S14	16005	((head or transducer) WITH (((speed or velocity or current) with (control$3 or chang$4 or modify$3)) and current))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:50
S15	3000	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and (((head or transducer) WITH (((speed or velocity or current) with (control$3 or chang$4 or modify$3)) and current)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:35
S16	181	360/75.ccls. and (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and (((head or transducer) WITH (((speed or velocity or current) with (control$3 or chang$4 or modify$3)) and current))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:36
S17	2	("5764437" | "5969899").PN.	USPAT	OR	ON	2003/10/30 16:40
S18	2	"20020154438"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 17:03
S19	85262	(head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:46
S20	803042	(control$3 or chang$4 or modify$3) near5 (speed or current or velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:47
S21	11841	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((control$3 or chang$4 or modify$3) near5 (speed or current or velocity))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:48

S22	314	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((control$3 or chang$4 or modify$3) near5 (speed or current or velocity))) and 360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:48
S23	47	((((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((control$3 or chang$4 or modify$3) near5 (speed or current or velocity))) and 360/75.ccls.) and calibration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:49
S24	60	((((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((control$3 or chang$4 or modify$3) near5 (speed or current or velocity))) and 360/75.ccls.) and calibrat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:44
S25	1093	(gradual$3) near2 (chang$3 near3 (current or velocity or speed))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:16
S26	36	(gradual$3) near2 (chang$3 near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:20
S27	8	(((gradual$3) near2 (chang$3 near3 (current or velocity or speed))) same (head or transducer)) and "360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:17
S28	0	(((gradual$3) near2 (chang$3 near3 (current or velocity or speed))) same (head or transducer)) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:17
S29	36	((gradual$3) near2 (chang$3 near3 (current or velocity or speed))) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:20
S30	10030	(chang$3 near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:20
S31	36	((gradual$3) near2 (chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:27
S32	5	(((gradual$3) near2 (chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)) not ((gradual$3) near2 (chang$3 near3 (current or velocity or speed)) same (head or transducer))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:25

S33	16673	((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:55
S34	299	360/75.ccls. and (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:28
S35	33	gradually and (360/75.ccls. and (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:12
S36	212	(((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)) and (load and unload)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:57
S37	29	360/75.ccls. and ((((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)) and (load and unload))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:56
S38	212	(((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)) and ("load" and "unload")	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:58
S39	6111	360/75.ccls. and23	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:58
S40	29	360/75.ccls. and ((((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)) same (head or transducer)) and (load and unload))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:58
S41	203	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 10:20
S42	6098	360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:37
S43	159	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and "360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:37

S44	40	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:53
S45	119	(((((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and "360"/$.ccls.) not ((((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and 360/75.ccls.)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:53
S46	202	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current) and ("low pass filter" or filter))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 10:37
S47	3	("4864437" | "5768045" | "5949608").PN.	USPAT	OR	ON	2003/11/19 11:06
S48	14	(US-6512650-$ or US-6353510-$ or US-6236527-$ or US-5235476-$ or US-6212027-$ or US-5825575-$ or US-6154340-$ or US-5255135-$ or US-6542324-$ or US-6229663-$ or US-5666236-$ or US-4864437-$ or US-6541931-$).did. or (US-20020154438-$).did.	US-PGPUB; USPAT	OR	OFF	2003/11/19 11:11
S49	1073691	"low pass filter" or filter	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 11:11
S50	3	((US-6512650-$ or US-6353510-$ or US-6236527-$ or US-5235476-$ or US-6212027-$ or US-5825575-$ or US-6154340-$ or US-5255135-$ or US-6542324-$ or US-6229663-$ or US-5666236-$ or US-4864437-$ or US-6541931-$).did. or (US-20020154438-$).did.) and ("low pass filter" or filter)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 11:12
S51	82544	(head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 10:08
S52	479	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((silent or normal) adj mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:08
S53	89516	"360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:03

S54	7	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((silent or normal) adj mode)) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:04
S55	66	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((silent or normal) adj mode)) and "360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:06
S56	3496	((vcm or "voice coil") near5 (current))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 09:19
S57	5	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((silent or normal) adj mode)) and (((vcm or "voice coil") near5 (current)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/19 13:07
S58	37	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((silent or quiet) adj mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:10
S59	1	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((silent or quiet) adj mode) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:23
S60	2	(head or transducer) and ((silent or quiet) adj mode) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:33
S61	51	("4675761" | "4931889" | "4933785" | "4937689" | "4956831" | "4967293" | "4991129" | "5210726" | "5264771" | "5282100" | "5291110" | "5412809" | "5450252" | "5465034" | "5475545" | "5490601" | "5535355" | "5657179" | "5668680" | "5675558" | "5696647" | "5726825" | "5751513" | "5760992" | "5825581" | "5844396" | "5880587" | "5901009" | "5973871" | "5982570" | "5986426" | "5988411" | "6008640" | "6011373" | "6011667" | "6013995" | "6031684" | "6038096" | "6052252" | "6067203" | "6101065" | "6111720" | "6115205" | "6148240" | "6151182" | "6178060" | "6195222" | "6256163" | "6256731" | "6314473" | "6381087").PN.	USPAT	OR	ON	2003/11/19 13:28

S62	49	(head or transducer) and ((silent or quiet or idle or low-power or "low power") adj mode) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 14:37
S63	2	("5262907").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/19 14:37
S64	82	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((speed or velocity) with control$3) and ((VCM or "voice coil") adj2 current)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 10:47
S65	2	("5764437" | "5969899").PN.	USPAT	OR	ON	2003/11/20 10:41
S66	84	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((speed or velocity) with control$3) and ((VCM or "voice coil") adj2 current)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:44
S67	2	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((speed or velocity) with control$3) and ((VCM or "voice coil") adj2 current)) not (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((speed or velocity) with control$3) and ((VCM or "voice coil") adj2 current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 10:48
S68	8	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((acoustic or noise) with (control$3 or mode)) and ((VCM or "voice coil") adj2 current)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:46
S69	539	rowan.in.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:46
S70	13	rowan.in. and ((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:48
S71	6	phan.in. and ((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:54
S72	2702	((quite or silent or acoustic or noise) adj2 mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:24

S73	92	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((quite or silent or acoustic or noise) adj2 mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:57
S74	89516	"360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:57
S75	4	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3)) and ((quite or silent or acoustic or noise) adj2 mode)) and "360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:57
S76	235	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3 or seek$3 or mov$3)) and ((quite or silent or acoustic or noise) adj2 mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:58
S77	27	"360"/$.ccls. and (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3 or ramp$3 or seek$3 or mov$3)) and ((quite or silent or acoustic or noise) adj2 mode))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:58
S78	27	("4675761" | "4689698" | "4816941" | "4931889" | "4933785" | "4937689" | "4991129" | "5062016" | "5151639" | "5231549" | "5309296" | "5406535" | "5453972" | "5469414" | "5471353" | "5493670" | "5521896" | "5532563" | "5594595" | "5668680" | "5696647" | "5726825" | "5751513" | "5760992" | "5847895" | "5901009" | "5973871").PN.	USPAT	OR	ON	2003/11/20 11:59
S79	27	("4675761" | "4689698" | "4816941" | "4931889" | "4933785" | "4937689" | "4991129" | "5062016" | "5151639" | "5231549" | "5309296" | "5406535" | "5453972" | "5469414" | "5471353" | "5493670" | "5521896" | "5532563" | "5594595" | "5668680" | "5696647" | "5726825" | "5751513" | "5760992" | "5847895" | "5901009" | "5973871").PN.	USPAT	OR	ON	2003/11/20 12:00
S80	82544	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:19

S81	631	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:28
S82	3929	((quite or silent or acoustic or noise) adj2 (mode or setting))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:28
S83	3	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current))) and (((quite or silent or acoustic or noise) adj2 (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:26
S84	3	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current))) and (((quite or silent or acoustic or noise) adj2 (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:28
S85	223	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and (quite or silent or acoustic or noise)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 13:27
S86	89516	"360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:29
S87	6098	360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:29
S88	158	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and (quite or silent or acoustic or noise)) and "360"/$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:30
S89	22	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 09:18
S90	12	"360"/$.ccls. and (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:33

S91	79	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (reduc$5 or eliminat$4 or decreas$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:50
S92	65	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (reduc$5 or eliminat$4 or decreas$3))) not (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:57
S93	10	("5214549" | "5430589" | "5483397" | "5517375" | "5825585" | "5914836" | "5999374" | "6002546" | "6175469" | "6288866").PN.	USPAT	OR	ON	2003/11/21 08:52
S94	2	("5475545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/21 08:57
S95	55	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise or idle) with (mode or setting))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 09:18
S96	33	(((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise or idle) with (mode or setting))) not (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 09:19
S97	2	("4237501" | "5227929").PN.	USPAT	OR	ON	2003/11/21 10:17

S98	188	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and (quiet or silent or acoustic or noise)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:46
S99	2	("6212027").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/21 13:22
S10 0	20	("4480217" | "4755892" | "4864437" | "5235476" | "5291110" | "5305160" | "5305161" | "5315455" | "5341259" | "5383068" | "5384675" | "5392174" | "5465034" | "5485323" | "5521891" | "5566148" | "5568333" | "5600219" | "5675558" | "5754357").PN.	USPAT	OR	ON	2003/11/21 12:52
S10 1	2	(("4480217" | "4755892" | "4864437" | "5235476" | "5291110" | "5305160" | "5305161" | "5315455" | "5341259" | "5383068" | "5384675" | "5392174" | "5465034" | "5485323" | "5521891" | "5566148" | "5568333" | "5600219" | "5675558" | "5754357").PN.) and ((silent or quiet) near seek$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 13:23
S10 2	18	(silent or quiet) near seek$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:10
S10 3	75539	"318"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 13:27
S10 4	19	"318"/$.ccls. and (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and (quiet or silent or acoustic or noise))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 13:28
S10 5	2	("5949608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/21 14:27

S10 6	0	"ho.in",	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:27
S10 7	18819	ho.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:27
S10 8	1969	ho.in. and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:28
S10 9	38	ho.in. and seagate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:30
S11 0	10	ho.in. and seagate and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:38
S11 1	12	("5223992" | "5291110" | "5465034" | "5657179" | "5696647" | "5726825" | "5751513" | "5760992" | "5901009" | "6219193" | "6246152" | "6298545").PN.	USPAT	OR	ON	2003/11/21 14:30
S11 2	3	(("5223992" | "5291110" | "5465034" | "5657179" | "5696647" | "5726825" | "5751513" | "5760992" | "5901009" | "6219193" | "6246152" | "6298545").PN.) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:30
S11 3	201	ho.in. and "low pass filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:39
S11 4	1	ho.in. and "low pass filter" and seagate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:39
S11 5	50	((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:56

S11 6	96	((head or transducer) WITH (seek$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 16:11
S11 7	66	(((head or transducer) WITH (seek$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF)) not (((head or transducer) WITH (load$3 or unload$3 or park$3 or latch$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:57
S11 8	2	("5136561" | "6215608").PN.	USPAT	OR	ON	2003/11/21 14:57
S11 9	10	("4967293" | "5062012" | "5189578" | "5237472" | "5341260" | "5459383" | "5548653" | "5572387" | "5585980" | "6034834").PN.	USPAT	OR	ON	2003/11/21 14:59
S12 0	107878	(lowpass or low-pass or "low pass" or LPF)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:59
S12 1	3	(("4967293" | "5062012" | "5189578" | "5237472" | "5341260" | "5459383" | "5548653" | "5572387" | "5585980" | "6034834").PN.) and ((lowpass or low-pass or "low pass" or LPF))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:59
S12 2	24	(US-6512650-$ or US-6353510-$ or US-6236527-$ or US-5235476-$ or US-6212027-$ or US-5825575-$ or US-6154340-$ or US-5255135-$ or US-6542324-$ or US-6229663-$ or US-5666236-$ or US-4864437-$ or US-6541931-$ or US-6195222-$ or US-6563658-$ or US-6381087-$ or US-6118607-$ or US-5475545-$ or US-5615064-$ or US-5465034-$ or US-5949608-$ or US-5901009-$ or US-6563666-$).did. or (US-20020154438-$).did.	US-PGPUB; USPAT	OR	OFF	2003/11/21 16:09

S123	0	(silent near seak) and ((US-6512650-$ or US-6353510-$ or US-6236527-$ or US-5235476-$ or US-6212027-$ or US-5825575-$ or US-6154340-$ or US-5255135-$ or US-6542324-$ or US-6229663-$ or US-5666236-$ or US-4864437-$ or US-6541931-$ or US-6195222-$ or US-6563658-$ or US-6381087-$ or US-6118607-$ or US-5475545-$ or US-5615064-$ or US-5465034-$ or US-5949608-$ or US-5901009-$ or US-6563666-$).did. or (US-20020154438-$).did.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:09
S124	62	(silent or quiet) near5 seek$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:10
S125	1712	(silent or quiet) near5 (seek$3 or mov$3 or position$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:11
S126	1123	(silent or quiet) near3 (seek$3 or mov$3 or position$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:11
S127	0	((head or transducer) and ((vcm or "voice coil") near5 (current))) and (lowpass or low-pass or "low pass" or LPF) and (silent or quiet) near3 (seek$3 or mov$3 or position$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 16:12
S128	5	((head or transducer) and ((vcm or "voice coil") near5 (current))) and (silent or quiet) near3 (seek$3 or mov$3 or position$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 16:13

S12 9	51	("4675761" | "4931889" | "4933785" | "4937689" | "4956831" | "4967293" | "4991129" | "5210726" | "5264771" | "5282100" | "5291110" | "5412809" | "5450252" | "5465034" | "5475545" | "5490601" | "5535355" | "5657179" | "5668680" | "5675558" | "5696647" | "5726825" | "5751513" | "5760992" | "5825581" | "5844396" | "5880587" | "5901009" | "5973871" | "5982570" | "5986426" | "5988411" | "6008640" | "6011373" | "6011667" | "6013995" | "6031684" | "6038096" | "6052252" | "6067203" | "6101065" | "6111720" | "6115205" | "6148240" | "6151182" | "6178060" | "6195222" | "6256163" | "6256731" | "6314473" | "6381087").PN.	USPAT	OR	ON	2003/11/21 16:13
S13 0	1012	(silent or quiet) adj2 (mode or set$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 13:57
S13 1	1012	((silent or quiet) adj2 (mode or set$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:06
S13 2	6375	360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:53
S13 3	7	(((silent or quiet) adj2 (mode or set$5))) and 360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 13:57
S13 4	165915	((silent or quiet or mode or acoustic or vibrat$4) adj2 (mode or set$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:14
S13 5	242	360/75.ccls. and (((silent or quiet or mode or acoustic or vibrat$4) adj2 (mode or set$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:14

S13 6	16768	((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:14
S13 7	40	360/75.ccls. and (((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:24
S13 8	13	360/75.ccls. and (((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))) and VCM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:25
S13 9	12	360/75.ccls. and (((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))) and VCM and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:25
S14 0	92865	"360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:53
S14 1	266	(((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))) and "360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:53
S14 2	226	((((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))) and "360"/$.ccls.) not (360/75.ccls. and (((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:54
S14 3	30	(((((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))) and "360"/$.ccls.) not (360/75.ccls. and (((silent or quiet or acoustic or vibrat$4) adj2 (mode or set$5))))) and ((vcm or "voice coil") near5 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 15:30
S14 4	3	("6504663").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/24 15:31

S14 5	2	("6639750").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/24 15:36
S14 6	4	("5345347" | "5452277" | "5481733" | "5682273").PN.	USPAT	OR	ON	2003/11/24 15:31
S14 7	3	("6563660").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/24 15:36
S14 8	16828	((silent or quiet or sleep$3 or idle or wait$3) adj2 (mode or setting))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:09
S14 9	55	360/75.ccls. and (((silent or quiet or sleep$3 or idle or wait$3) adj2 (mode or setting)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:09
S15 0	20	360/75.ccls. and (((silent or quiet or sleep$3 or idle or wait$3) adj2 (mode or setting))) and ((VCM or "voice coil") with current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:09
S15 1	2	"5982570".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:10

S15 2		51	("4675761" | "4931889" | "4933785" | "4937689" | "4956831" | "4967293" | "4991129" | "5210726" | "5264771" | "5282100" | "5291110" | "5412809" | "5450252" | "5465034" | "5475545" | "5490601" | "5535355" | "5657179" | "5668680" | "5675558" | "5696647" | "5726825" | "5751513" | "5760992" | "5825581" | "5844396" | "5880587" | "5901009" | "5973871" | "5982570" | "5986426" | "5988411" | "6008640" | "6011373" | "6011667" | "6013995" | "6031684" | "6038096" | "6052252" | "6067203" | "6101065" | "6111720" | "6115205" | "6148240" | "6151182" | "6178060" | "6195222" | "6256163" | "6256731" | "6314473" | "6381087").PN.	USPAT	OR	ON	2003/11/24 16:13
S15 3		152	360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 09:17
S15 4		31	((vcm or "voice coil") near5 (current)) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:43
S15 5		0	((silent or quiet) adj3 mode]) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:12
S15 6		0	((silent or quiet) adj3 mode) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:12
S15 7		8	((silent or quiet or coarse or fine) adj3 mode) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:32
S15 8		2	"6501609".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:32

S15 9	0	(((silent or quiet or coarse or fine) adj3 mode) and 360/78.05.ccls.) and "6501609".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:32
S16 0	24	((silent or quiet or coarse or fine) adj3 mode) and 360/78.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:33
S16 1	171	((vcm or "voice coil") near5 (current)) and 360/78.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:33
S16 2	12	((vcm or "voice coil") near5 (current)) and ((silent or quiet or coarse or fine) adj3 mode) and 360/78.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:39
S16 3	17	((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3) adj3 mode) and 360/78.01-78.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:41
S16 4	18	((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3) adj3 mode) and 360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:58
S16 5	51	("4675761" | "4931889" | "4933785" | "4937689" | "4956831" | "4967293" | "4991129" | "5210726" | "5264771" | "5282100" | "5291110" | "5412809" | "5450252" | "5465034" | "5475545" | "5490601" | "5535355" | "5657179" | "5668680" | "5675558" | "5696647" | "5726825" | "5751513" | "5760992" | "5825581" | "5844396" | "5880587" | "5901009" | "5973871" | "5982570" | "5986426" | "5988411" | "6008640" | "6011373" | "6011667" | "6013995" | "6031684" | "6038096" | "6052252" | "6067203" | "6101065" | "6111720" | "6115205" | "6148240" | "6151182" | "6178060" | "6195222" | "6256163" | "6256731" | "6314473" | "6381087").PN.	USPAT	OR	ON	2003/11/25 10:57

S16 6	0	((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3) adj3 mode) and "6314473".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:17
S16 7	144	((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3 or normal) adj3 mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S16 8	92899	"360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S16 9	96	(((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3 or normal) adj3 mode)) and "360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S17 0	1252455	acoustic or noise or vibration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S17 1	80	(((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3 or normal) adj3 mode)) and (acoustic or noise or vibration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S17 2	51	((((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep$3 or normal) adj3 mode)) and (acoustic or noise or vibration)) and "360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:19
S17 3	142	((vcm or "voice coil") with (current)) and ((coarse or fine) adj3 (mov$5 or shift$4 or mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:44
S17 4	20	((vcm or "voice coil") with (current)) same ((coarse or fine) adj3 (mov$5 or shift$4 or mode))\	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:45
S17 5	20	((vcm or "voice coil") with (current)) same ((coarse or fine) adj3 (mov$5 or shift$4 or mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:46

S17 6	15	(acoustic or noise or vibration) and (((vcm or "voice coil") with (current)) same ((coarse or fine) adj3 (mov$5 or shift$4 or mode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:46
S17 7	61	gradual$3 and (360/75.ccls. and (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:13
S17 8	8	(gradual$3 same (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:21
S17 9	9	((gradual$3 or sharp$3) same (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:21
S18 0	1	(((gradual$3 or sharp$3) same (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed))) and 360/75.ccls.) not ((gradual$3 same (((chang$3 or modify$3 or vary$3 or adjust$3 or alter$3) near3 (current or velocity or speed)))) and 360/75.ccls.)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:55
S18 1	10	(("6236527") or ("6108157") or ("4755892") or ("6212027") or ("5825575")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 12:55
S18 2	2	(acoustic or noise or vibration) and ((("6236527") or ("6108157") or ("4755892") or ("6212027") or ("5825575")).PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 12:56
S18 3	20	("4480217" | "4755892" | "4864437" | "5235476" | "5291110" | "5305160" | "5305161" | "5315455" | "5341259" | "5383068" | "5384675" | "5392174" | "5465034" | "5485323" | "5521891" | "5566148" | "5568333" | "5600219" | "5675558" | "5754357").PN.	USPAT	OR	ON	2003/11/25 12:56
S18 4	33	"5465034".URPN.	USPAT	OR	ON	2003/11/25 13:01
S18 5	14	"5751513".URPN.	USPAT	OR	ON	2003/11/25 13:14

S18 6	2	("5982570").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:16
S18 7	10	((("5982570") or ("5760992") or ("6236527") or ("5315455") or ("6583964")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:17
S19 0	2	"20020154438"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:49
S19 1	78364	((head or transducer or element or arm or slider) near5 (load$3 or unload$3 or park$3 or latch$3)) same (push$3 or contact$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:53
S19 2	902880	(control$3 or chang$4 or modify$3) near5 (speed or current or velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:51
S19 3	5113	S191 and S192	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:52
S19 4	96728	"360"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:52
S19 5	819	S193 and S194	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:53
S19 6	6726	360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:53
S19 7	207	S193 and S196	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:58

S19 8	7868	((head or transducer or element or arm or slider) near5 (load$3 or unload$3 or park$3 or latch$3)) same ((push$3 or contact$3) near5 (ramp or wall or slope or stop$3 or barrier or barricade or blockade))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:58
S19 9	132	S196 and S198	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 11:13
S20 0	2	"5663846".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 11:13